

## Product datasheet for **SC204083**

### **BMP4 (NM\_130850) Human 3' UTR Clone**

#### **Product data:**

<b>Product Type:</b>	3' UTR Clones
<b>Product Name:</b>	BMP4 (NM_130850) Human 3' UTR Clone
<b>Vector:</b>	pMirTarget (PS100062)
<b>Symbol:</b>	BMP4
<b>Synonyms:</b>	BMP2B; BMP2B1; MCOPS6; OFC11; ZYME
<b>ACCN:</b>	NM_130850
<b>Insert Size:</b>	326 bp
<b>Insert Sequence:</b>	>SC204083 3'UTR clone of NM_130850 The sequence shown below is from the reference sequence of NM_130850. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATGGTAGTAGAGGGATGTGGGTGCCGCTGAGATCAGGCAGTCCTTGAGGATAGACAGATATACACACCA CACACACACCCACATACACCACACACACACGTTCCCATCCACTCACCCACACACTACACAGACTGCTT CCTTATAGCTGGACTTTTATTTAAAAAAAAAAAAAAAAAAGGAAAAATCCCTAAACATTACCTTGAC CTTATTTATGACTTTACGTGCAATGTTTTGACCATATTGATCATATATTTTGACAAAATATATTTATA ACTACGTATTAAGAAAAAATAAAAATGAGTCATTATTTAAAGGTAAA <b>ACGCGT</b> AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
<b>Restriction Sites:</b>	Sgfl-MluI
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_130850.5</a></u>



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**Summary:**

This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein regulates heart development and adipogenesis. Mutations in this gene are associated with orofacial cleft and microphthalmia in human patients. The encoded protein may also be involved in the pathology of multiple cardiovascular diseases and human cancers. [provided by RefSeq, Jul 2016]

**Locus ID:** 652

**MW:** 12.9